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**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q63731

Shigeru YAMAMOTO, et al.

Appln. No.: 09/806,413

Group Art Unit: 1652

Confirmation No.: 8678

Examiner: David J. Steadman

Filed: March 30, 2001

For: NOVEL ENZYME COMPOSITION AND PRODUCTION METHOD AND USE THEREOF

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

These documents were cited by the examiner in co-pending application number 10/204,679. One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.


The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action

on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



Lisa E. Stahl  
Registration No. 56,704

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

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Date: May 11, 2005

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Sheet	1	of	1	Application Number	09/806,413
				Confirmation Number	8678
				Filing Date	March 30, 2001
				First Named Inventor	Shigeru YAMAMOTO
				Art Unit	1652
				Examiner Name	David J. Steadman
				Attorney Docket Number	Q63731

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		HÖSEL, W., et al.: "β-Glucosidases from <i>Cicer arietinum</i> L., Purification and Properties of Isoflavone-7-O-glucoside-Specific β-Glucosidases", Eur. J. Biochem., Vol. 57, (1975), pages 607-616.	
		HÖSEL, W.: "Glycosylation and Glycosidases", The Biochemistry of Plants", Vol. 7, (1981), pages 725-753.	
		HAY, G. W., et al.: "Degradation of rutin by aspergillus flavus. Purification and characterization of rutinase" Can. J. Microbiol., Vol. 7 (1961), pages 921-932.	
		BOKKENHEUSER, V. D., et al.: "Hydrolysis of flavonoids by human intestinal bacteria", Plant Flavonoids in Biology and Medicine II: Biochemical, Cellular, and Medicinal Properties, Alan R. Liss, Inc., (1988), pages 143-145.	
		SUZUKI, H.: "Hydrolysis of flavonoid glycosides by enzymes (rhamnodiastase) from <i>rhamnus</i> and other sources", Archives of Biochemistry and Biophysics, Vol. 99, (1962), pages 476-483.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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